

U.S. ENVIRONMENTAL PROTECTION AGENCY
POLLUTION/SITUATION REPORT
35th Avenue Site - Removal Polrep



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region IV

Subject: POLREP #129
Warrant Sampling Complete
35th Avenue Site
B4M3RV00
Birmingham, AL
Latitude: 33.5627531 Longitude: -86.7989565

To: Matt Taylor, Chief, Removal Operations Section, EPA R4
Jim Webster, Chief, ERRPPB, EPA R4
Clay Messer, ADEM
Grady Springer, ADEM

From: Subash Patel, On-Scene Coordinator

Date: 3/22/2023

Reporting Period: March 3-22, 2023

1. Introduction

1.1 Background

Site Number:	B4M3RV00	Contract Number:	EP-S4-07-02
D.O. Number:	00034	Action Memo Date:	9/25/2013
Response Authority:	CERCLA	Response Type:	Time-Critical
Response Lead:	EPA	Incident Category:	Removal Action
NPL Status:	Non NPL	Operable Unit:	
Mobilization Date:	2/17/2014	Start Date:	2/18/2014
Demob Date:		Completion Date:	
CERCLIS ID:	ALN000410750	RCRIS ID:	
ERNS No.:		State Notification:	SEP 2013
FPN#:		Reimbursable Account #:	

As detailed in an Action Memorandum dated September 25, 2013, EPA had initially identified approximately 50 properties in the Birmingham communities of Fairmont, Harriman Park, and Collegeville that exhibited levels of soil contamination that exceed, either threefold or a magnitude of measure, Region 4 residential removal management levels for lead, arsenic, and/or polycyclic aromatic hydrocarbons. In addition to contamination deposited by airborne means over the previous 100 years, or potential contaminant migration due to flooding, these properties likely received fill material from one or more of the local industrial businesses. For further discussion of background information, please refer to previous POLREPs for this Site.

Early in the removal action for the 50 homes, EPA amended the original scope of work to allow for greater consistency with remedial goals that provide for a more permanent remedy. An Action Memorandum dated March 12, 2014, described the amended scope of work.

EPA expanded the scope of work, as detailed in an Action Memorandum dated August 11, 2014, to allow for removal of contaminated soil from properties where the soil concentrations for contaminants of concern exceed Region 4 Removal Management Levels (RMLs) and children either live there or routinely and frequently visit. This change of scope included approximately 30 properties, including the Collegeville Center and North Birmingham Homes public housing developments.

EPA expanded the scope of work, as detailed in an Action Memorandum dated January 6, 2015, to allow for removal of contaminated soil from properties where soil concentrations exceed two times the Region 4 Removal Management Levels for carcinogens; specifically arsenic and benzo[a]pyrene. This change of scope included approximately 35 properties.

EPA expanded the scope of work, as detailed in an Action Memorandum dated July 20, 2015, to allow for removal of contaminated soil from properties where soil concentrations exceed the Region 4 Removal Management Levels for contaminants of concerns; specifically arsenic, lead, and benzo[a]pyrene. This change of scope includes approximately 260 properties.

2. Current Activities

2.1 Operations Section

Residential Removal Numbers:

Total residential properties within Site boundaries: 2,119
Total residential properties sampled within Site boundaries: 2,054
Total properties exceeding RMLs: 669
Total cleaned up: 650
Total to be cleaned up with volunteer access: 0
Declined clean up: 19

Declined sampling access: 14

Update:

Sampling activities for the 9th warrant is complete. The warrant was approved on February 24, 2023, for both sampling and cleanup of 16 properties. Sampling team has demobilized and site is awaiting results. Once results are obtained, site crews will mobilized to address residential properties that exceed the RML. Results should be in available by mid-April. Existing warrant expires in August, 2023.

Disposal:

About 90,000 tons of contaminated soil have been sent to an approved landfill since site activities began in 2014.

2.2 Planning Section

No information available at this time.

2.3 Logistics Section

No information available at this time.

2.4 Finance Section

2.4.1 Estimated Costs

Action Memo Ceiling: \$43,877,000, Allocated: \$42,321,341, Remaining: \$1,555,659

Current TO/TDD	Budgeted	Total to Date	Remaining
ERRS	\$2,900,000	\$2,773,000	\$127,000
START 5 Removal CI (TT/OTIE)	\$2,237,696	\$2,137,696	\$100,000
START 5 Investigation CI (TT/OTIE)	\$819,813	\$769,813	\$50,000

Closed TO/TDD	Amount
ERRS (2021)	\$26,666,520
ERRS	\$6,497,352
START 4 Removal (OTIE)	\$2,573,288
START 4 Investigation (OTIE)	\$2,791,087
START 4 Community Involvement (TT)	\$603,651
START 4 Investigation (TT)	\$385,802
START R5 Crossover	\$340,000
START GSA Bridge Contract	\$357,164
START R7 Crossover CI	\$43,493
START 3 CI	\$102,178

ERRS, START 4 Removal, START 4 Community Involvement, START R5 Crossover, START GSA Bridge Contract, START R7 Crossover Community Involvement, and START 3 CI should count towards Action Memo ceiling.

START Removal costs include START 4 Removal, START 4 Community Involvement, START R5 Crossover, START GSA Bridge Contract, START R7 Crossover CI, and START 3 CI.

Estimated Costs *

	Budgeted	Total To Date	Remaining	% Remaining
Extramural Costs				
ERRS	\$36,063,871.00	\$35,936,871.00	\$127,000.00	0.35%
START Removal	\$6,257,470.00	\$6,207,470.00	\$50,000.00	0.80%
START Investigation	\$3,996,702.00	\$3,896,702.00	\$100,000.00	2.50%
Intramural Costs				
Total Site Costs	\$46,318,043.00	\$46,041,043.00	\$277,000.00	0.60%

* The above accounting of expenditures is an estimate based on figures known to the OSC at the time this report was written. The OSC does not necessarily receive specific figures on final payments made to any contractor(s).

Other financial data which the OSC must rely upon may not be entirely up-to-date. The cost accounting provided in this report does not necessarily represent an exact monetary figure which the government may include in any claim for cost recovery.

2.5 Other Command Staff

No information available at this time.

3. Participating Entities

4. Personnel On Site

No information available at this time.

5. Definition of Terms

No information available at this time.

6. Additional sources of information

No information available at this time.

7. Situational Reference Materials

No information available at this time.